

```

graph TD
    Start([Start]) --> S121[Set supply target value (WPD) to the default supply target value (WPD)]
    S121 --> S122{Pool hopper empty?}
    S122 -- NO --> S122
    S122 -- YES --> S123[Supply articles to pool hopper]
    S123 --> S124[Input weight value (WP) of pool hopper]
    S124 --> S125[Set supply target value (WPD) to the default supply target value (WPD)]
    S125 --> S126{Weighing hopper empty?}
    S126 -- NO --> S126
    S126 -- YES --> S127[Supply articles to weighing hopper]
    S127 --> S128[Input weight value (WW) of weighing hopper]
    S128 --> S129[Combination calculation]
    S129 --> S130{Combination complete?}
    S130 -- NO --> S126
    S130 -- YES --> S131{Selected in a combination?}
    S131 -- NO --> S126
    S131 -- YES --> S132[Discharge articles from weighing hopper]
    S132 --> S126
    S126 --> S133{Weighing hopper targeted for additional supply?}
    S133 -- YES --> S134[Input weight value (Wp) of pool hopper]
    S134 --> S135{WW + Wp > WL?}
    S135 -- YES --> S136{WL - (WW + Wp) > WPD?}
    S135 -- NO --> S136
    S136 -- YES --> S137[Calculate next supply target value (WPD) of pool hopper  
WPD = (WL - WW - Wp) / 2]
    S136 -- NO --> S137
    S137 --> S133
    S133 -- NO --> S133
    S137 --> S126
    S133 --> S133

```

Fig. 6

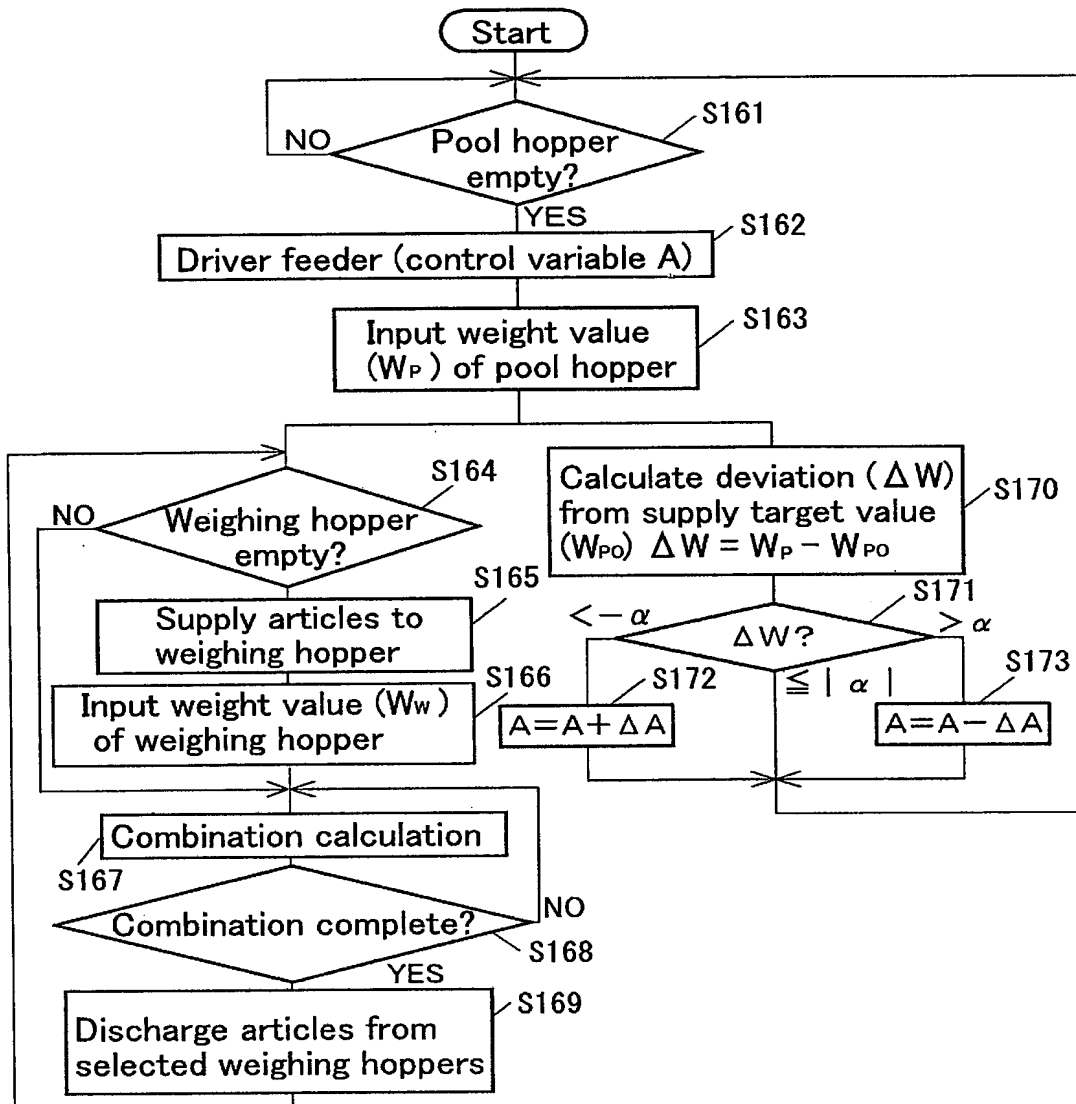


Fig. 19

